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ABSTRACT OF THE DISCLOSURE

In the non-invasive measuring system, a wireless communication device or other sensing device, gathers Doppler information from signals transmitted by the wireless communication or sensing device and reflected off of a target subject. The gathered information is transferred, preferably, over the existing communication network infrastructure to a presentation device. By placing a body sensor on the target subject, the return of the signal reflected from the subject is enhanced and/or additional information is modulated onto the return signal.